

Claims:

1. Shaped Object adapted for being connected with a rim at a point located inside the rim well (7), having a contact surface (2) intended to rest on the rim well (7), **characterized in that** the contact surface (2) intersects each of a set of mutually parallel first planes (3) along a curved curve (5), which is not merely an arc of a circle and whose distance from a second plane (6), that subdivides the contact surface (2) and that extends perpendicularly to the first planes (3), increases at least on one side of the second plane (6) with a growth rate, that decreases at least in average.
2. The shaped object as defined in Claim 1, **characterized in that** the growth rate decreases to a limit value as the distance of the curve (5) from the second plane (6) rises, and then remains constant as the distance continues to rise.
3. The shaped object as defined in Claim 1 or Claim 2, **characterized in that** the curve (5) comprises a concave succession of curved sections (5a, 5b, 5c) the curvature of which decreases as the distance from the second plane (6) rises.
4. The shaped object as defined in Claim 3, **characterized in that** the curvature along the curve (5) remains constant within a curved section (5a, 5b, 5c).
5. The shaped object as defined in Claim 3 or Claim 4, **characterized in that** the differently curved sections (5a, 5b, 5c) follow each other directly, with the curvature changing abruptly between two adjacent sections.

6. The shaped object as defined in any of the preceding claims, **characterized in that** the sections (5a, 5b, 5c) are approximately equal in length.
7. The shaped object as defined in any of Claims 3 to 5, **characterized in that** the section (5a) which is the nearest to the second plane (6) is longer than the remaining sections (5b, 5c) which are approximately equal in length or become shorter as their distance from the second plane increases.
8. Shaped Object, **characterized in that** the curve (5) comprises at least one concave section having a curvature that decreases continuously as the distance from the second plane (6) rises.
9. The shaped object as defined in Claim 8, **characterized in that** at least on one side of the second plane (6) the curve (5) over its full length has a curvature that decreases as the distance from the second plane (6) rises.
10. The shaped object as defined in any of the preceding claims, **characterized in that** the curve (5) shows the claimed shape on both sides of the second plane (6).
11. The shaped object as defined in Claim 10, **characterized in that** that the curve (5) extends mirror-symmetrically relative to the second plane (6).
12. The shaped object as defined in Claim 10 or Claim 11, **characterized in that** two sections each of the curve (5), lying on different sides of the second plane (6), have a conforming curvature and the same center of curvature.

13. The shaped object as defined in any of the preceding claims, **characterized in that** the contact surface (2) extends in convex shape along the lines of intersection (11) with third planes (12) that intersect the curve (5) perpendicularly.
14. The shaped object as defined in Claim 13, **characterized in that** the lines of intersection (11) each have a curvature that increases from their one end to their other end.
15. The shaped object as defined in claim 14, **characterized in that** the curvature of the lines of intersection (11) increases continuously.
16. The shaped object as defined in any of the preceding claims, **characterized in that** it is a housing.
17. The shaped object as defined in any of Claims 1 to 15, **characterized in that** it is a carrier or a holder for a housing.
18. The shaped object as defined in Claim 16 or Claim 17, **characterized in that** the housing contains a device for measuring the pressure and/or the temperature in a pneumatic tire which is mounted on the rim.
19. Rim with a shaped object as defined in any of the preceding claims, which has its contact surface (2) connected with the rim at a point inside the rim well (7) by a substance connection.
20. Rim as defined in Claim 19, **characterized in that** the shaped object (1) is bonded to the rim well (7).